

Grommets Ltd

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MATERIAL DATA SHEET

PVC - BLACK (POLYVINYLCHLORIDE)

| | BS2782 | UNIT | CONDITIONS | RESULTS |
|-------------------------------------|--------|---------|------------|--------------|
| GENERAL PROPERTIES | | | | |
| Density | 620A | G/cm3 | 23°C | 1.15 to 1.48 |
| THERMAL PROPERTIES | | | | |
| Cold Flex Temperature | 150B | °C | | -10 to -50 |
| Service Temperature | | | | |
| Minimum | | °C | | -30 |
| Maximum (continuous / intermittent) | | °C | | 50 to 70 |
| MECHANICAL PROPERTIES | | | | |
| Softness BSS Number | 365A | | | 20 to 120 |
| Hardness | | Shore A | | 40 to 90 |
| Tensile Strength | 320A | MPa | | 5 to 20 |
| Elongation At Break | 320A | % | | 250 to 450 |
| Modulus at 100% extension | 320A | MPa | | 2 to 15 |
| FLAMMABILITY PROPERTIES | | | | |
| Oxygen Index | 4589 | | | 25 to 40 |
| Flammability Rating | UL 94 | | | HB – V0 |
| CHEMICAL PROPERTIES | | | | |
| Resistance to Weak / Strong Acids | | | | Good / Bad |
| Resistance to Weak / Strong Alkalis | | | | Good / Bad |
| Resistance to Organic Solvents | | | | Bad |
| Resistance to Oils and Greases | | | | Bad |
| Resistance to UV | | | | Good |

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Our Products Grommets • Sleeved Grommets • Cable Entry Sleeves • Plugs • Bungs • Bushes
 Washers • Feet • Grips • Cord Rings • Ferrules • Discs • Edging Strip • Custom Moulding

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